

21
HW

p 75- 5-17, 30, 32, 37

5. C

7. 768 ($4 \times$)

6. 17 (+4)

8. .625 ($\times \frac{1}{2}$)

9. -6 (-1, -2, -3, ...)

10. $-\frac{1}{3}$ ($-\frac{1}{3}$)

11. 25 (+3, +6, +9, ...)

12. 21 (+3, +4, +5, +6, ...)

13. even

14. False b/c $-4 - 7 = 28$ 15. F b/c $(3+4)^2 = 7^2 = 49 \neq 3^2 + 4^2 = 25$

16. F b/c 2

17. F b/c $\begin{array}{c} 3 \cdot 6 = 18 \\ \text{all} \quad \text{even} \end{array}$ 30. yes +1, +2, +3, ...
7

32. C, C, C, F, F

37. 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89

a. After 1st 2 numbers, each number is the sum of the two previous numbers

b. 144, 233, 377

c. Sunflower, etc.